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• Ellts, Catherine E.

King of Prussia, Pennsylvania 19406 (US)

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(74) Representative:

Connell, Anthony Christopher et al

SmithKline Beecham plc

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Brentford, Middlesex TW8 9EP (GB)

(71) Applicant: SMITHKLINE BEECHAM

CORPORATION

Philadelphia Pennsylvania 19103 (US)

(72) Inventors:

- Bergama, Derk J.  
King of Prussia, Pennsylvania 19406 (US)

## (54) Novel human 11CB splice variant

(57) Human 11cb splice variant polypeptides and DNA (RNA) encoding such an 11cb splice variant and a procedure for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing such an 11cb splice variant for the treatment of infections, such as bacterial, fungal, protozoan and viral infections, particularly infection caused by HIV-1 or HIV-2; pain; cancers; anorexia; bulimia; asthma; Parkinson's disease; both acute and congestive heart failure; hypotension; hypertension; urinary retention; osteoporosis; angina pectoris; myocardial infarction; ulcers; allergies; benign prostatic hypertrophy and psychotic and neurological disorders, including anxiety, schizophrenia, manic depression, delirium, dementia or severe mental retardation; and dyskineticas, such as Huntington's disease or Gilles de la Tourette's syndrome, among others. Antagonists against such an 11cb splice variant and their use as a therapeutic to treat

infections, such as bacterial, fungal, protozoan and viral infections, particularly infection caused by HIV-1 or HIV-2; pain; cancers; anorexia; bulimia; asthma; Parkinson's disease; both acute and congestive heart failure; hypotension; hypertension; urinary retention; osteoporosis; angina pectoris; myocardial infarction; ulcers; allergies; benign prostatic hypertrophy and psychotic and neurological disorders, including anxiety, schizophrenia, manic depression, delirium, dementia or severe mental retardation; and dyskineticas, such as Huntington's disease or Gilles de la Tourette's syndrome, among others, are also disclosed. Also disclosed are diagnostic assays for detecting diseases related to mutations in the nucleic acid sequences and altered concentrations of the polypeptides. Also disclosed are diagnostic assays for detecting mutations in the polynucleotides encoding the 11cb splice variant and for detecting altered levels of the polypeptide in a host.

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